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## NOTICE OF ALLOWANCE AND FEE(S) DUE

22428

7590

02/06/2009

FOLEY AND LARDNER LLP SUITE 500 3000 K STREET NW WASHINGTON, DC 20007 EXAMINER

WEINSTEIN, LEONARD J

ART UNIT PAPER NUMBER

3746

DATE MAILED: 02/06/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/687.741	10/20/2003	Yukio Umemura	062709-0114	9262

TITLE OF INVENTION: POWER TRANSMISSION AND COMPRESSOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	05/06/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

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If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

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B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

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Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(571)-273-2885 or <u>Fax</u>

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for

maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. 22428 7590 02/06/2009 Certificate of Mailing or Transmission FOLEY AND LARDNER LLP I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. **SUITE 500** 3000 K STREET NW WASHINGTON, DC 20007 (Depositor's name (Signature (Date APPLICATION NO. FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. FILING DATE 10/687,741 10/20/2003 Yukio Umemura 062709-0114 9262 TITLE OF INVENTION: POWER TRANSMISSION AND COMPRESSOR APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1510 \$300 \$0 \$1810 05/06/2009 **EXAMINER** ART UNIT CLASS-SUBCLASS WEINSTEIN, LEONARD J 3746 417-362000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. or agents OR, alternatively, (2) the name of a single firm (having as a member a ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) 4a. The following fee(s) are submitted: lssue Fee A check is enclosed. Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_\_ (enclose an extra copy of this fo Advance Order - # of Copies \_ (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ■ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature Date Typed or printed name Registration No. This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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10/687,741	10/20/2003	Yukio Umemura	062709-0114	9262
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FOLEY AND LARDNER LLP		WEINSTEIN, LEONARD J		
SUITE 500			ART UNIT	PAPER NUMBER
3000 K STREET NW WASHINGTON, DC 20007			3746 DATE MAILED: 02/06/200	9

### **Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)**

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 562 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 562 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)		
	10/687,741	UMEMURA, YUKIO		
Notice of Allowability	Examiner	Art Unit		
	LEONARD J. WEINSTEIN	3746		
The MAILING DATE of this communication appearance All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app or other appropriate communication GHTS. This application is subject to	olication. If not included will be mailed in due course. <b>THIS</b>		
1. This communication is responsive to <u>12/24/2008</u> .				
2. ☑ The allowed claim(s) is/are <u>1,5-8,11,12 and 14-21</u> .				
<ul> <li>3.  Acknowledgment is made of a claim for foreign priority una)  All b)  Some* c)  None of the:</li> <li>1.  Certified copies of the priority documents have</li> <li>2.  Certified copies of the priority documents have</li> <li>3.  Copies of the certified copies of the priority documents have</li> <li>International Bureau (PCT Rule 17.2(a)).</li> <li>* Certified copies not received:</li> </ul>	been received. been received in Application No			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the requirements		
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give				
5. CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.				
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached				
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date				
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date				
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).				
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.				
Attachment(s)	5 D Nation of Information	atant Annilartan		
<ol> <li>Notice of References Cited (PTO-892)</li> <li>D Notice of Draftperson's Patent Drawing Review (PTO-948)</li> </ol>	<ul><li>5. ☐ Notice of Informal P</li><li>6. ☐ Interview Summary</li></ul>			
<ol> <li>Information Disclosure Statements (PTO/SB/08),</li> </ol>	6. ☐ Interview Summary Paper No./Mail Dat 7. ☑ Examiner's Amendn	e		
Paper No./Mail Date4. ☐ Examiner's Comment Regarding Requirement for Deposit	8. ⊠ Examiner's Stateme	nt of Reasons for Allowance		
of Biological Material	9. ☐ Other			
/Leonard J Weinstein/	/Devon C Kramer/			
Examiner, Art Unit 3746	Supervisory Patent Exa	aminer, Art Unit 3746		

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#### **DETAILED ACTION**

1. This office action is in response to the amendment of December 24, 2008.

2. The examiner acknowledges the amendments to claims 1 and 7. The examiner notes that per the examiner's suggestion in the office action of October 2, 2008, new claim 14 has been introduced. The examiner also notes the introduction of claims 14-21.

#### **EXAMINER'S AMENDMENT**

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone message for the examiner on January 28, 2009 pursuant to an interview with Mathew Kremer, reg. 58,671, on January 27, 2009.

4. In reviewing the instant application as amended, it was discovered that claim 9 contained limitations directed toward an embodiment which the claim it depended from was not directed toward. Claim 9 depends from claim 1 which is directed toward the embodiment of figure 3. In this embodiment, and as claimed in claim 1, an interconnecting link is rotatably mounted on to a driven member (4, 5) and disengageable from a drive member (10). The limitations of claim 9 include a link that includes plates stack on top of each other. This limitation is directed toward the embodiment of figure 8 and is illustrated in figure 9. In this embodiment, and as claimed in claim 14, an interconnecting link is rotatably mounted on to a drive member (10) and disengageable from a driven member (4). There is no embodiment in

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which a link that includes plates stacked on top of one another is rotatably mounted on to a driven member and disengageable from a drive member. As such claim 9 has been canceled and the instant application is not in condition for allowance.

5. Claim 9 is cancelled.

### Allowable Subject Matter

- 6. Claims 1, 5-8, 11-12, and 14-21 are allowed.
- 7. The following is an examiner's statement of reasons for allowance: the prior art fails to teach or suggest a power transmission for a compressor including a drive member interconnected with a driven member by a link that is disengageable from a drive member in a combination wherein the link has a hole at a first end portion and an open ended slot at a second end portion, the open ended slot at the second end portion releasably receives a first engagement member that is fixed to the drive member, and when disengaged from the first engagement member the link is slidably pressed against the driven member by a resilient locking member that is provided in the driven member. Further the prior art fails to teach or suggest a power transmission for a compressor including a drive member interconnected with a driven member by a link that is disengageable from a driven member in a combination wherein the link has a hole at a first end portion and an open ended slot at a second end portion, the open ended slot at the second end portion releasably receives a first engagement member that is fixed to the driven member, and when disengaged from the first engagement member the link is slidably pressed against the drive member by a resilient locking member that is provided in the drive member.

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8. The specific aspect of the instant invention of a resilient locking member that is provided on the same component (either the drive member as shown in figure 3 or the driven member as shown in figure 8) that a link is rotatably mounted to in combination with the link having the specific structure of a hole at a first end and an opened slot at the opposite end portion that disengages from an engagement member that is fixed to the component that is not provided with a resilient locking member and which the link is not rotatably mounted to provides the basis for allowance. The prior art of Skrobisch US 4,825,992, teaches a resilient member that is on the opposite component of which a link is mounted to. The prior art of Kimura EP 1197672 teaches a link is rotatably mounted onto a drive member and which broadly teaches a hole at a first end and an open ended slot at an opposite end that is disengageable from an engagement member that is fixed on to a driven member. Kimura fails to teach a resilient locking member provided on a drive member (or more broadly the component which a link is rotatably mounted to) that causes a link to slidably press against the drive member which is same component the link is rotatably mounted to. The prior art of Hatakeyama US 5,944,156 fails to teach a link that is rotatably mounted to either of a drive or driven member. Finally Kojiro JP 03-228595 teaches clutch mechanism for sheet metal cutting device that teach the general structure of a link between a drive member and driven member having a hole at one end and an open ended slot at the other end that disengageable receives an engagement member on a driving arm. Even with a modification wherein the link of Kojiro were substituted for the links in Skrobisch, Kimura, and Hatakeyama, none of the combinations would teach a separate resilient locking member that is

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provided on the component a link is rotatably mounted to and causes the link to slidably press against the same component.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LEONARD J. WEINSTEIN whose telephone number is (571)272-9961. The examiner can normally be reached on Monday - Thursday 7:00 - 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Devon Kramer can be reached on (571) 272-7118. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Devon C Kramer/ Supervisory Patent Examiner, Art Unit 3746

/Leonard J Weinstein/ Examiner, Art Unit 3746